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We will present a family of minimal surfaces constructed by lifting a family of planar harmonic mappings. In the process, we will use the Clunie and Sheil-Small shear construction for planar harmonic mappings convex in one direction. As an example, we will examine a family of minimal surfaces that, through a continuous transformation, has connections with three well known surfaces: Enneper's surface, the wavy plane, and the helicoid. (Received September 25, 2012)